

MB-11-599

Encl #1

OXE-4632
COPY 1 OF 1

QLT F

OXEART
P-ELMEX
MEMOS IN

6 March 1963

Dear Jack,

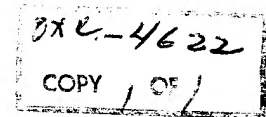
Here is the report we talked about on the phone Monday.

Milt

Milt

mb

Enclosure



TYPE I STATUS - 1 MARCH 1963

STATINTL

System 1A - Undergoing test and improvement at [REDACTED]

During the last month three missions were flown on three successive days proving our ability to conduct operations at any required rate.

The system was phased, the caging logic revised to remove the bubble levels from the caging command circuit, the shuttle motion polarity was corrected, and Milt's marks were established as not being caused by the system.

The stabilization system is in the process of modification (inclusion of new gimbal and tuning) and the solid plastic light pipe for the V/h sensor was in the process of being test flown in comparison with a fiber optical unit.

Performance Summary

2 local (C-123) + 12 [REDACTED] (A-12) Test flights

STATINTL

obtained

32,000 feet of aerial photographs

in

74 photo runs without failure

Without regard to system status

caged/uncaged
shuttles locked/unlocked
V/h sensor/reference
film speed correct/incorrect
attitude reference locked/active
phased/misphased

and without regard to the location of the

image in the film's format,

208 images of Air Force Resolution Targets show

median resolution of 70 L/MM
14% resolve at least 100 L/MM
7% resolve at least 125 L/MM
2% resolve at least 150 L/MM

Type I Status - 1 March 1963

Page 2

System 1B - In final assembly and test at plant

The system is due in the field in May.

System 1C - In breadboarding and assembly at plant

This system, involving some development, has had orders placed for all long lead items, and is scheduled for early October shipment to the Area.

STATINTL

mb
3/6/63